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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/691,290	10/22/2003	Scott Douglas Frei	ROC920030290US1	2244
Grant A. Johnson IBM Corporation Dept. 917 3605 Highway 52 North Rochester, MN 55901-7829			EXAMINER AUGUSTINE, NICHOLAS	
			ART UNIT 2179	PAPER NUMBER
			MAIL DATE 07/07/2009	DELIVERY MODE PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

### Office Action Summary

**Application No.**

10/691,290

**Applicant(s)**

FREI ET AL.

**Examiner**

NICHOLAS AUGUSTINE

**Art Unit**

2179

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 23 April 2009.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-7, 9-11, 13 and 14 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-7, 9-11 and 13-14 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SI/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_

**DETAILED ACTION**

- A. This action is in response to the following communications: Amendment filed: 04/23/2009. This action is made **Final**.
- B. Claims 1-7, 9-11 and 13-14 remain pending.

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***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-7, 9-11 and 13-14 are rejected under 35 U.S.C. 102(b) as being anticipated by Meyn et al (US Patent 5,859,623), herein referred to as "Meyn".

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As for independent claims 1 and 9, Meyn teaches a method and corresponding apparatus comprising: presenting a plurality of windows on an output device (figure 1); wherein each of the plurality of windows displays a respective application and a respective group identifier that indicates a respective group to which the respective application in the respective window belongs (figure 4, item 1 and 4; wherein depicted and further described is a group identifier (e.g. "SALES\_NE.PDF" application) for respective application which contains a plurality of windows to be presented/rendered to the user as shown in respective window figure 5 item 1 elements 1-6 (windows) are

identified with a group from figure 4), wherein at least one of the respective group identifiers indicates that the respective window is not to be sent to an auxiliary output device and wherein the respective application comprises instructions that execute and send data to the respective window (figures 4 and 6; col.15, lines 7-13; col.16, lines 52-65; Shown in figure 6 are at least one respective group identifier graphically indicated with a "X" inside of a square (window/ as discussed in figure 4) upon which the "X" graphically indicates that the corresponding window will not be sent to an auxiliary output device; the system of Meyn also providing other instructions to execute during the presentation of information to auxiliary display device, including automatic or manual playback controls, transitional effect and previewing during live execution of presentation of information to auxiliary display device); detecting a bringing into focus of a first window, wherein the bringing into focus of the first window comprises the first window is ready to accept input (col.25, lines 35-52); in response to the detecting the bringing into focus of the first window, determining whether a first record associated with the first window exists in a group data structure comprising a plurality of records, wherein the respective record is associated with the respective group (figure 4,6; col.25, lines 53-67); wherein the auxiliary output device is separate from the output device (figure 1; projector; personal computer).

Further Meyn teaches wherein at least one of the respective group identifiers indicates that the respective window is not to be sent to an auxiliary output device (col.16,lines 52-65)); *if the first record associated with the first window does not exist in the group data structure, displaying the first window on the output device and refraining from*

*sending the first window to the auxiliary output device; if the first record associated with the first window does exist in the group data structure, deciding whether the first record indicates that a first group is to be kept hidden if the first record indicates that the first group is to be kept hidden, displaying the first window on the output device and refraining from sending the first window to the auxiliary output device; and if the first record indicates that the first group is not to be kept hidden, sending all of the windows that belong to the first group to both the output device and the auxiliary output device (figures 5-6; column 16, lines 52-65; wherein Meyn specifies that the author(user of the system) is able to configure the windows(slides) of the presentation as to which windows of the group (figure 4 ) are to be sent (shown) to the auxiliary device (projector) and what windows are not to be sent (hidden), thus when the system (computer) reads the configured presentation created by the author it will be then determined which windows will be hidden and which windows will be shown (sent to the auxiliary device); also note: col.15, lines 7-13; col.16, lines 52-67; col.25,lines 35-67; figures 1, 4 and 6).*

As for dependent claims 2 and 10, Meyn teaches the method and corresponding apparatus of claims 1 and 9, wherein the auxiliary output device comprises a projector (figure 1).

As for dependent claims 3 and 11, Meyn teaches plurality of records comprises the respective group identifier, an indication of the respective applications that belong to the respective group, an indication of whether the respective applications

that belong to the respective group are not to be sent to the auxiliary output device, and an indication of whether data from the respective applications that belong to the respective group is currently being sent to the auxiliary output device (figure 1,4,6 ; col.15, lines 7-13 and col.16, lines 52-67)).

As for dependent claim 4, Meyn teaches the method of claim 3, wherein the user interface further comprises a taskbar, wherein the taskbar comprises a plurality of icons for the bringing into focus of the respective applications, wherein each of the plurality of icons comprises the respective group identifier (at least col. 19, lines 50-56).

As for dependent claim 5, Meyn teaches the method of claim 4, further comprising: if the respective group identifier is selected via an input device, sending the windows that belong to the group, identified by the respective group identifier that was selected to the auxiliary output device (col.16, lines 52-67; figure 1 and 6).

As for dependent claims 6 and 13, Meyn teaches the method of claim 4, further comprising for the windows that are sent to the auxiliary output device, updating the indication of whether data from the respective applications that belong to the respective

group is currently being sent to the auxiliary output device to indicate that the data from the respective applications that belong to the respective group is currently being sent to the auxiliary output device (figure 6).

As for dependent claims 7 and 14, Meyn teaches the method of claim 6, further comprising: changing the respective applications that belong to the respective group in the first record (figure 4 and 6).

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**(Note :)** It is noted that any citation to specific, pages, columns, lines, or figures in the prior art references and any interpretation of the references should not be considered to be limiting in any way. A reference is relevant for all it contains and may be relied upon for all that it would have reasonably suggested to one having ordinary skill in the art. In re Heck, 699 F.2d 1331, 1332-33, 216 USPQ 1038, 1039 (Fed. Cir. 1983) (quoting In re Lemelson, 397 F.2d 1006, 1009, 158 USPQ 275, 277 (CCPA 1968)).

### ***Response to Arguments***

Applicant's arguments filed 04/23/2009 have been fully considered but they are not persuasive.

After careful review of the amended claims (given the broadest reasonable interpretation) and the remarks provided by the Applicant along with the cited reference(s) the Examiner does not agree with the Applicant for at least the reasons provided below:

A1. Applicant argues that Meyn does not teach presenting a plurality of windows in a user interface on an output device, wherein each of the plurality of windows displays a respective application and a respective group identifier that

indicates a respective group to which the respective application in the respective window belongs, wherein at least one of the respective group identifiers indicates that the respective window is not to be sent to an auxiliary output device, wherein the respective application comprises instructions that execute and send data to the respective window.

R1. Examiner does not agree, Meyn teaches the system comprising instructions being executed by the system automatically and/or manual by the user for presentation of information on a primary and auxiliary display device; these instructions include the presentation of information in a sequential automatic or manual order, instructions to whether or not sending information to an auxiliary screen or not (hide/unhide), instructions to present transitional graphics for illustrating a change of information on an auxiliary display device. All of these instructions are designed/authored using the system of Meyn by the user prior to the presentation of information being sent to an auxiliary display. Also this information can be displayed in two different displays; e.g. the presenter of a presentation can be on computer A with display X and Y; wherein display X being the display adaptor for the computer (i.e. laptop) and Y being an auxiliary display device (i.e. projector) where the user can send/execute application specific instructions to be performed on the respective window (either display X or Y); thus Meyn provides clear support for the newly added limitation "wherein the respective application comprises instructions that execute and send data to the respective window".



Further Meyn teaches presenting a plurality of windows on an output device, as shown in figure 1; wherein each of the plurality of windows displays a respective application and a respective group identifier that indicates a respective group to which the respective application in the respective window belongs, as shown in figure 4, item 1 and 4; *wherein depicted and further described is a group identifier (e.g. "SALES\_NE.PDF" application) for respective application which contains a plurality of windows to be presented/rendered to the user as shown in respective window figure 5 item 1 elements 1-6 (windows) are identified with a group from figure 4)*, wherein at least one of the respective group identifiers indicates that the respective window is not to be sent to an auxiliary output device as shown in figures 4 and 6, cited in column 15, lines 7-13 and column 16, lines 52-65; Shown in figure 6 are at least one respective group identifier graphically indicated with a "X" inside of a square (window/ as discussed in figure 4) upon which the "X" graphically indicates that the corresponding window will not be sent to an auxiliary output device). Thus it is evident that Meyn teaches presenting a plurality of windows in a user interface on an output device, wherein each of the plurality of windows displays a respective application and a respective group identifier that indicates a respective group to which the respective application in the respective window belongs, wherein at least one of the respective group identifiers indicates that the respective window is not to be sent to an auxiliary output device, wherein the respective application comprises instructions that execute and send data to the respective window.

***Support for this analysis can be found in column 15, lines 6-50; column 16, lines 15-67; column 17, lines 1-56; column 18, lines 6-50; column 19, lines 44-67; column 20 and column 21).***

A2. Applicant further argues that Meyn does not teach in response to the detecting the bringing into focus of the first window, determining whether a first record associated with the first window exists in a group data structure comprising a plurality of records, wherein the respective record is associated with the respective group.

R2. Examiner does not agree, Meyn provide multiple teaching of the user being able to interact with multiple windows using a variety of ways for focusing on content/windows during different times of interaction within the system as outlined in R1. One given example would be the user interface controls that allow the user to navigate an application (presentation pdf) file for presentation during which the user is able to input focus on the computer's primary monitor to edit, alter, change position of order of a presentation during which the presentation is taken place on an auxiliary display device, thus example alone shows that Meyn teaches *in response to the detecting the bringing into focus of the first window, determining whether a first record associated with the first window exists in a group data structure comprising a plurality of records, wherein the respective record is associated with the respective group*; for the reasons as mentioned in R1 above; (see R1 for citation of Meyn).

### ***Conclusion***

**THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

***Inquires***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nicholas Augustine whose telephone number is 571-270-1056 and fax is 571-270-2056. The examiner can normally be reached on Monday - Friday: 9:30am- 5:00pm Eastern.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Weilun Lo can be reached on 571-272-4847. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Steven B Theriault/  
Examiner, Art Unit 2179

/Nicholas Augustine/  
Examiner  
Art Unit 2179  
June 28, 2009